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SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE

REPORT OF THE SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE ON ITS ELEVENTH SESSION BONN, 25 OCTOBER - 5 NOVEMBER 1999

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I. OPENING OF THE SESSION
(Agenda item 1)

1. The eleventh session of the Subsidiary Body for Scientific and Technological Advice (SBSTA) was held at the Hotel Maritim, Bonn, Germany from 25 October to 5 November 1999.

2. The Chairman of the SBSTA, Mr. Harald Dovland (Norway), opened the session. He welcomed all representatives and observers to the session. Paying tribute to his predecessor, Mr. Chow Kok Kee (Malaysia), Mr. Dovland expressed pleasure to be serving as Chairman of the SBSTA. The Chairman drew the attention of the SBSTA to the challenging tasks that it faced for the session. Pointing to those items on the provisional agenda covered by the Buenos Aires Plan of Action (decision 1/CP.4),[1] for which the time-frame for reaching agreement was the sixth session of the Conference of the Parties (COP 6), he noted that the halfway mark in deliberations had now been reached. Parties would therefore need to intensify their efforts in order to meet the ambitious goals set by COP 4. The Chairman also underscored the vital role played by the scientific and technical work of the SBSTA in advancing the Convention process. By way of example, he cited the work of the SBSTA on revising the guidelines for the preparation of Annex I Party national communications, which would need to be finalized at the current session. Finally, the Chairman cautioned the SBSTA that time at this session would be limited. He urged Parties to work as efficiently and productively as possible in order to conclude their work within the scheduled deadlines and reach agreement on draft decisions for recommendation to COP 5 for adoption.

II. ORGANIZATIONAL MATTERS
(Agenda item 2)

A. Adoption of the agenda
(Agenda item 2 (a))

3. At its 1st meeting, on 25 October, the SBSTA considered the provisional agenda contained in document FCCC/CP/1999/1.

4. The Chairman recalled that, for procedural reasons, the COP had added to the provisional agenda for its fifth session an item entitled "Matters relating to Article 3.14 of the Kyoto Protocol". The Chairman proposed that the same item be added to the provisional agenda of the SBSTA, as item 14. He noted his understanding that, as the issue concerned both subsidiary bodies, the Chairman of the Subsidiary Body for Implementation (SBI) would propose a similar amendment to the SBI provisional agenda. As agreed by the COP at the 1st meeting of its fifth session, this new item would be taken up in conjunction with the item on "Implementation of

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[1] For the full texts of decisions adopted by the Conference of the Parties at its fourth session, see document FCCC/CP/1998/16/Add.1.

Article 4.8 and 4.9 of the Convention (decision 3/CP.3 and Articles 2.3 and 3.14 of the Kyoto Protocol)", item 3 on the provisional agendas of the subsidiary bodies.

5. The SBSTA adopted the following agenda:

1. Opening of the session.

2. Organizational matters:

(a) Adoption of the agenda;
(b) Organization of the work of the session;
(c) Election of officers.

3. Implementation of Article 4.8 and 4.9 of the Convention (decision 3/CP.3 and Articles 2.3 and 3.14 of the Kyoto Protocol).

4. Procedures and mechanisms relating to compliance under the Kyoto Protocol.

5. Activities implemented jointly under the pilot phase.

6. Mechanisms pursuant to Articles 6, 12 and 17 of the Kyoto Protocol.

7. Capacity-building.

8. National communications from Parties included in Annex I to the Convention:

(a) Guidelines for the preparation of national communications;
(b) "Best practices" in policies and measures.

9. Methodological issues:

(a) Land-use, land-use change and forestry;
(b) National systems, adjustments and guidelines under Articles 5, 7 and 8 of the Kyoto Protocol;
(c) Emissions resulting from fuel used for international transportation;
(d) Impact of single projects on emissions in the commitment period;
(e) Scientific and methodological aspects of the proposal by Brazil;
(f) Other matters.

10. Development and transfer of technologies:

(a) Status of the consultative process (decision 4/CP.4);
(b) Ways and means of limiting emissions of hydrofluorocarbons and perfluorocarbons;
(c) Coastal adaptation technologies;
(d) Other matters.

11. Cooperation with relevant international organizations:

(a) Scientific organizations;
(b) United Nations bodies;
(c) Other conventions.

12. Research and systematic observation.

13. Roster of experts nominated by Parties.

14. Matters relating to Article 3.14 of the Kyoto Protocol.

15. Report on the session.

B. Organization of the work of the session
(Agenda item 2 (b))

6. The SBSTA considered this sub-item at its 1st meeting, on 25 October. It had before it the tentative schedule of meetings contained in document FCCC/CP/1999/1, section IV. The Chairman noted that the schedule should be used as a guide to the organization of work of the SBSTA, but that flexibility would be required to respond to the pace of progress.

7. The Chairman emphasized that Parties should conclude their consideration of the items before them by Monday, 1 November. Work on items included in the agendas of both the SBSTA and the SBI would need to be completed by Wednesday, 3 November.

C. Election of officers
(Agenda item 2 (c))

8. The SBSTA considered this sub-item at its 1st meeting, on 25 October.

9. The Chairman informed the SBSTA that agreement had been reached on the nomination of the remaining officers of the subsidiary bodies. At the invitation of the Chairman, the SBSTA elected Mr. Lambert Gnapelet (Central African Republic) and Mr. Andrej Kranjc (Slovenia) as Vice-Chairman and Rapporteur of the SBSTA, respectively, both serving a second term in these positions.

10. The Chairman congratulated Mr. Gnapelet and Mr. Kranjc on their election, and noted that he looked forward to working with them to promote the success of the session.

III. IMPLEMENTATION OF ARTICLE 4.8 AND 4.9 OF THE CONVENTION (DECISION 3/CP.3 AND ARTICLES 2.3 AND 3.14 OF THE KYOTO PROTOCOL)

(Agenda item 3)

1. Proceedings

11. The SBSTA considered this matter jointly with the SBI at its 2nd and 3rd meetings, on 26 October, and at its 9th and 13th meetings, on 29 October and 3 November, respectively. It had before it documents FCCC/SB/1999/9 and FCCC/SB/1999/MISC.13.

12. Statements were made by representatives of 41 Parties, including one speaking on behalf of the European Community and its member States and one speaking on behalf of the Group of 77 and China.

13. At the 2nd meeting, held jointly with the SBI on 26 October, at the invitation of the Chairmen, Mr. Chow Kok Kee, former Chairman of the SBSTA, provided a report on the outcome of the workshop related to this item, which was held in Bonn from 21 to 24 September 1999, in accordance with the terms of reference adopted by the SBSTA at its tenth session (FCCC/SBSTA/1999/6, annex I).

14. At the 3rd meeting, held jointly with the SBI on 26 October, the subsidiary bodies agreed to consider this item by way of a joint contact group. The Chairmen appointed Mr. Bo Kjellen (Sweden) and Mr. Mohamad Reza Salamat (Islamic Republic of Iran), Vice-Chairman of the SBI, to co-chair this contact group.

2. Conclusions

15. At their joint meeting on 3 November, the subsidiary bodies agreed to recommend a draft decision for adoption by the COP at its fifth session (FCCC/CP/1999/L.22). For the final text of the decision adopted by the COP, see decision 12/CP.5.[2]

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[2] For the full texts of decisions adopted by the Conference of the Parties at its fifth session, see document FCCC/CP/1999/6/Add.1.

IV. PROCEDURES AND MECHANISMS RELATING TO COMPLIANCE UNDER THE KYOTO PROTOCOL

(Agenda item 4)

1. Proceedings

16. The SBSTA considered this matter at its 3rd, 9th and 13th meetings, held jointly with the SBI, on 26 and 29 October and 3 November, respectively. It had before it documents FCCC/SB/1999/7 and Add.1 and FCCC/SB/1999/MISC.12 and Add.1-2.

17. At the 3rd meeting, held jointly with the SBI on 26 October, the Chairmen referred discussion of this item to the Joint Working Group on Compliance (JWG) established by decision 8/CP.4, under the co-chairmanship of Mr. Harald Dovland (Norway) and Mr. Espen Ronneberg (Marshall Islands).

18. At the joint meeting on 3 November, Mr. Espen Ronneberg, on behalf of the co-Chairs, presented a report on the work of the JWG.[3]

19. In his report to the COP, on 4 November, the Chairman of the SBI noted that an agreement had been reached to designate Mr. Tuiloma Neroni Slade (Samoa) to replace Mr. Espen Ronneberg, co-Chair of the JWG, and that Mr. Harald Dovland would continue as the other co-Chair of the JWG. The Chairman conveyed the gratitude of the subsidiary bodies to Mr. Espen Ronneberg for his valuable contribution to the work of the JWG.

2. Conclusions

20. At the joint meeting on 3 November, the subsidiary bodies took note of the report of the JWG and agreed to recommend a draft decision for adoption by the Conference of the Parties at its fifth session (FCCC/CP/1999/L.21). For the final text of the decision adopted by the COP, see decision 15/CP.5.

V. ACTIVITIES IMPLEMENTED JOINTLY UNDER THE PILOT PHASE

(Agenda item 5)

1. Proceedings

21. The SBSTA considered this matter jointly with the SBI at its 3rd and 4th meetings, on 26 October, and at its 9th and 13th meetings, on 29 October and 3 November, respectively. It had before it documents FCCC/SB/1999/5 and Corr.1 and Add.1.

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[3] See FCCC/SBI/1999/14, annex I.

22. Statements were made by representatives of 16 Parties, including one speaking on behalf of the Alliance of Small Island States, one speaking on behalf of the European Community and its member States and one speaking on behalf of the Group of 77 and China.

23. At the 4th meeting, held jointly with the SBI on 26 October, the subsidiary bodies agreed to consider this item by way of a joint contact group, chaired by Mr. Yvo de Boer (Netherlands), Vice-President of the Conference of the Parties.

2. Conclusions

24. At their joint meeting on 3 November, having considered a proposal by the Chairmen, the subsidiary bodies adopted the following conclusions:

(a) The SBSTA and the SBI took note of document FCCC/SB/1999/5 and Corr.1 and Add.1 on issues to be addressed in the review of the pilot phase of activities implemented jointly (AIJ), including the third synthesis report on AIJ under the pilot phase;

(b) The SBSTA and SBI undertook a comprehensive review of the AIJ pilot phase and concluded that:

(i) Participation in AIJ under the pilot phase provides an important opportunity for learning by doing and capacity-building, in particular where institutional structures are put in place, which facilitate the identification and development of activities and allow the reduction of transaction costs;

(ii) The geographic distribution remains unbalanced in spite of recent improvements;

(iii) AIJ under the pilot phase provides a sound foundation for future projects and project activities;

(iv) Further work is required to improve the draft revised uniform reporting format;

(c) In order to further increase the number of projects, contribute to the transfer of technology and promote geographic balance, some Parties indicated that additional incentives are required such as the possibility of recognizing AIJ under the pilot phase under Articles 6 and 12 of the Kyoto Protocol;

(d) Some Parties expressed the view that activities implemented jointly under the pilot phase contribute to gaining substantial experience in measurement, monitoring and independent verification of greenhouse gas emissions and are a good vehicle to address the variety of technological characteristics associated with different types and sizes of projects; and

(e) The SBSTA and the SBI agreed to recommend a draft decision on AIJ under the pilot phase for adoption by the COP at its fifth session (FCCC/CP/1999/L.13). For the final text of the decision adopted by the COP, see decision 13/CP.5.

VI. MECHANISMS PURSUANT TO ARTICLES 6, 12 AND 17 OF THE KYOTO PROTOCOL

(Agenda item 6)

1. Proceedings

25. The SBSTA considered this matter at its 4th, 9th and 13th meetings, held jointly with the SBI, on 26 and 29 October and 3 November, respectively. It had before it documents FCCC/SB/1999/8 and Add.1 and FCCC/SB/1999/MISC.10 and Add.1-4.

26. Statements were made by representatives of 19 Parties, including one speaking on behalf of the European Community and its member States and one speaking on behalf of the Group of 77 and China.

27. At the 4th meeting, held jointly with the SBI on 26 October, at the invitation of the Chairmen, Mr. Chow Kok Kee, former Chairman of the SBSTA, introduced the revised and consolidated synthesis of proposals by Parties (FCCC/SB/1999/8 and Add.1), on behalf of the Chairmen of the subsidiary bodies. As Chairman of the SBSTA in the inter-sessional period leading up to the eleventh sessions of the subsidiary bodies, Mr. Chow Kok Kee had prepared this document together with Mr. Salamat, Vice-Chairman of the SBI, acting on behalf of the SBI Chairman, and with the assistance of the secretariat.

28. Also at the 4th meeting, on 26 October, the subsidiary bodies agreed to consider this item by way of a joint contact group, chaired by Mr. Chow Kok Kee (Malaysia).

2. Conclusions

29. At their joint meeting on 3 November, having considered a proposal by the Chairmen, the subsidiary bodies adopted the following conclusions:

(a) The subsidiary bodies considered the note by the Chairmen contained in document FCCC/SB/1999/8 and Add.1;

(b) The subsidiary bodies noted the progress made in implementing the work programme on mechanisms contained in decision 7/CP.4; and

(c) The subsidiary bodies agreed to recommend a draft decision on mechanisms pursuant to Articles 6, 12 and 17 of the Kyoto Protocol for adoption by the COP at its fifth session (FCCC/CP/1999/L.6). For the final text of the decision adopted by the COP, see decision 14/CP.5.

VII. CAPACITY-BUILDING
(Agenda item 7)

1. Proceedings

30. The SBSTA considered this matter at its 3rd, 9th and 13th meetings, held jointly with the SBI on 26 and 29 October and 3 November, respectively. It had before it the following documents: FCCC/CP/1999/3, FCCC/SBSTA/1999/10, FCCC/SBSTA/1999/11, FCCC/SBI/1999/INF.7, FCCC/SBSTA/1999/INF.8 and Add.1, FCCC/SB/1999/5 and Corr.1 and Add.1, FCCC/SB/1999/6, FCCC/SB/1999/MISC.9 and FCCC/SB/1999/MISC.11.

31. Statements were made by representatives of 28 Parties, including one speaking on behalf of the European Community and its member States and one speaking on behalf of the Group of 77 and China. At the 3rd meeting, on 26 October, a statement was made by the representative of a non-governmental organization.

32. At the joint meeting on 26 October, the subsidiary bodies agreed to consider this item by way of a joint contact group, co-chaired by Mr. John Ashe, Chairman of the SBI, and Mr. Daniel Reifsnyder (United States of America).

2. Conclusions

33. At their joint meeting on 3 November, the subsidiary bodies agreed to recommend two draft decisions for adoption by the COP at its fifth session (FCCC/CP/1999/L.19 and FCCC/CP/1999/L.20). For the final texts of the decisions adopted by the COP, see decisions 10/CP.5 and 11/CP.5.

VIII. NATIONAL COMMUNICATIONS FROM PARTIES INCLUDED IN ANNEX I TO THE CONVENTION
(Agenda item 8)

A. Guidelines for the preparation of national communications
(Agenda item 8 (a))

1. Proceedings

34. The SBSTA considered this sub-item at its 1st and 10th meetings, on 25 October and 1 November, respectively. It had before it the following documents: FCCC/SBSTA/1999/13 and Add.1-2 and Add.2/Corr.1.

35. Statements were made by representatives of 10 Parties, including one speaking on behalf of the Alliance of Small Island States and one speaking on behalf of the European Community and its member States.

36. At its 1st meeting, on 25 October, the SBSTA agreed to consider this sub-item by way of a contact group, co-chaired by Mr. Mark Mwandosya (United Republic of Tanzania) and Mr. Jim Penman (United Kingdom of Great Britain and Northern Ireland). The Chairman informed the SBSTA that he and the Chairman of the SBI had agreed that, in the light of the division of labour between the subsidiary bodies on the issue of national communications, it would be appropriate for this to be a joint contact group of the SBSTA and the SBI.

2. Conclusions

37. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA agreed to forward to the SBI a draft decision on guidelines for the preparation of national communications by Parties included in Annex I to the Convention, part II: UNFCCC reporting guidelines on national communications, to be recommended for adoption by the COP at its fifth session (FCCC/CP/1999/L.3 and Add.1). For the final text of the decision adopted by the COP, see decision 4/CP.5. For the final text of the guidelines adopted by the COP at its fifth session, see document FCCC/CP/1999/7;

(b) The SBSTA noted the need to improve the quality of national greenhouse gas inventories in Annex I Parties with economies in transition, and of the reporting of inventory data using the UNFCCC reporting guidelines on annual inventories. In this regard, it welcomed the offer of support by the Government of Switzerland for a workshop on this topic to be held in Geneva from 30 November to 2 December 1999 in cooperation with the United Nations Institute for Training and Research; and

(c) The SBSTA requested the secretariat to prepare a report on this workshop, including information on the special needs of the Annex I Parties with economies in transition, for consideration by the SBSTA at its twelfth session.

B. "Best practices" in policies and measures
(Agenda item 8 (b))

1. Proceedings

38. The SBSTA considered this sub-item at its 5th and 14th meetings, on 27 October and 3 November, respectively. It had before it documents FCCC/SBSTA/1999/8 and FCCC/SBSTA/1999/MISC.10.

39. Statements were made by representatives of 10 Parties, including one speaking on behalf of the Alliance of Small Island States and one speaking on behalf of the European Community and its member States.

2. Conclusions

40. At its 14th meeting, on 3 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA took note of documents FCCC/SBSTA/1999/8 on "best practices" in policies and measures, prepared by the secretariat, and FCCC/SBSTA/1999/MISC.10 containing submissions by Parties;

(b) The SBSTA accepted with appreciation the offer of the Government of Denmark, in collaboration with France, to host in Copenhagen from 11 to 13 April 2000 the workshop to assess "best practices" in policies and measures requested by decision 8/CP.4;

(c) The SBSTA concluded that the workshop should advance the work on sharing experience and exchange of information regarding "best practices" in policies and measures by considering, *inter alia*, Article 2.1 of the Kyoto Protocol and the elements identified in document FCCC/SBSTA/1999/8;

(d) The SBSTA invited Parties to submit to the secretariat, by 15 January 2000, summaries of papers for presentation at the workshop and requested the secretariat to prepare the agenda for the workshop and identify, in consultation with the Chairman of the SBSTA, its participants; and

(e) The SBSTA decided to consider the report of the workshop at its twelfth session and report the results to the COP at its sixth session.

IX. METHODOLOGICAL ISSUES
(Agenda item 9)

A. Land-use, land-use change and forestry
(Agenda item 9 (a))

1. Proceedings

41. The SBSTA considered this sub-item at its 1st, 12th and 14th meetings, on 25 October and 1 and 3 November, respectively. It had before it documents FCCC/SBSTA/1999/MISC.7 and Add.1-2.

42. Statements were made by representatives of 13 Parties, including one speaking on behalf of the European Community and its member States and another speaking on behalf of the Group of 77 and China.

43. At the 1st meeting, on 25 October, a statement was made by Dr. Robert Watson, Chairman of the Intergovernmental Panel on Climate Change (IPCC), on the preparation of the special report on land-use, land-use change and forestry.

44. Also at the 1st meeting, on 25 October, the SBSTA agreed to consider this sub-item by way of a contact group, co-chaired by Mr. Philip Gwage (Uganda) and Mr. Halldor Thorgeirsson (Iceland).

45. At the 11th meeting, on 1 November, a statement of relevance to this agenda item was made by the representative of the local government constituency.

2. Conclusions

46. At its 14th meeting, on 3 November, having considered a proposal by the Chairman, the SBSTA, recalling decisions 1/CP.3, 1/CP.4, 8/CP.4 and 9/CP.4, adopted the following conclusions:

(a) The SBSTA took note with appreciation of documents FCCC/SBSTA/1999/MISC.7 and Add.1-2;

(b) The SBSTA expressed its appreciation to the IPCC for convening the special side event during the eleventh session of the SBSTA, and reporting on the draft IPCC special report on land-use, land-use change and forestry, and noted the IPCC request to Parties to submit, preferably before the end of 1999, national data and information on current areas, carbon stocks, and trends for the land-use change and forestry activities under Article 3.3 of the Kyoto Protocol;

(c) The SBSTA decided to recommend a draft decision for adoption by the COP at its fifth session (FCCC/CP/1999/L.16). For the final text of the decision adopted by the COP, see decision 16/CP.5;

(d) The SBSTA decided to start its consideration of the IPCC special report on land-use, land-use change and forestry at its twelfth session, and invited the IPCC to provide the SBSTA with an in-depth report at that session, and to convene a special side event on the IPCC special report on land-use, land-use change and forestry;

(e) The SBSTA recalled the conclusion adopted at its tenth session (FCCC/SBSTA/1999/6, paragraph 41 (d)), inviting Parties to provide the secretariat with guidance by 1 February 2000 on the scope of the workshop to be held between SBSTA 12 and COP 6. In addition, the SBSTA affirmed the importance of broad participation by Parties in the workshop, particularly developing country Parties;

(f) The SBSTA decided to further consider at its twelfth session initial criteria and guiding principles for the identification and selection of activities under Article 3.4 of the Kyoto Protocol;

(g) The SBSTA requested Parties to provide submissions by 1 August 2000 with views, or proposals for definitions, on activities under Article 3.3 of the Kyoto Protocol, for compilation into a miscellaneous document and consideration by the SBSTA at its thirteenth session. Submissions from Parties included in Annex I to the Convention should include information on the methodologies that each Party intends to use to measure and report on net changes in greenhouse gas emissions by sources and removals by sinks resulting from these activities, measured as verifiable changes in carbon stocks. In addition, Parties included in Annex I to the Convention were requested to provide submissions by 1 August 2000 on an assessment of net changes in greenhouse gas emissions by sources and removals by sinks, measured as verifiable changes in carbon stocks, resulting from the activities under Article 3.3 of the Kyoto Protocol;

(h) The SBSTA requested Parties included in Annex I to the Convention to submit preliminary data and information as specified in the first sentence of Article 3.4 of the Kyoto Protocol by 1 August 2000;

(i) The SBSTA requested Parties to make submissions by 1 August 2000 as to how and which human-induced activities will be included under Article 3.4 of the Kyoto Protocol, on modalities, rules, and guidelines related to these activities, which may include any linkages to other relevant paragraphs of Article 3 of the Kyoto Protocol, and any relevant information on these activities, for compilation into a miscellaneous document and consideration by the SBSTA at its thirteenth session. In preparing their submissions, Parties should follow any criteria and guiding principles agreed upon by the SBSTA at its twelfth session. Submissions by Parties included in Annex I to the Convention should include:

(i) A list of additional activities that each individual Party is proposing for inclusion under Article 3.4 of the Kyoto Protocol, as well as information on methodologies that each Party intends to use to measure and report changes in carbon stocks as a result of each activity; and

(ii) National data and an assessment of changes in greenhouse gas emissions by sources and removals by sinks, associated with each activity a Party is proposing for inclusion.

(j) The SBSTA decided to consider at its twelfth session, formats for the submission of historical national data, and where applicable projections, under subparagraphs (g), (h) and (i) above;

(k) The SBSTA requested the Chairman to prepare, with the assistance of the secretariat, a consolidated synthesis of proposals made by Parties in their submissions under subparagraphs (g), (h) and (i) above, for consideration by the SBSTA at its thirteenth session;

(l) In connection with subparagraph (i) above, the SBSTA requested the secretariat to compile for consideration at its twelfth session, a synthesis report on the completeness and comprehensiveness of Annex I Party national greenhouse gas inventories for the agricultural soils and land-use change and forestry categories; and

(m) The SBSTA recalled the conclusion adopted at its tenth session (FCCC/SBSTA/1999/6, paragraph 41 (e)), and it invited the IPCC to provide a progress report on that subject at its thirteenth session.

B. National systems, adjustments and guidelines under Articles 5, 7 and 8 of the Kyoto Protocol

(Agenda item 9 (b))

1. Proceedings

47. The SBSTA considered this sub-item at its 1st, 8th and 10th meetings, on 25 and 28 October and 1 November, respectively. It had before it documents FCCC/SBSTA/1999/MISC.9 and Add.1.

48. Statements were made by representatives of eight Parties, including one speaking on behalf of the European Community and its member States.

49. At the 1st meeting, on 25 October, a statement was made by the Co-Chair of the IPCC Task Force on Inventories concerning the activities of the IPCC Programme on National Greenhouse Gas Inventories.

50. Also at the 1st meeting, on 25 October, the Chairman invited Ms. Helen Plume (New Zealand) to assist him in conducting informal consultations on this sub-item. At the 8th meeting, on 28 October, at the request of a Party, the SBSTA agreed to a proposal by the Chairman that this item should be dealt with by way of a contact group, also to be chaired by Ms. Plume.

2. Conclusions

51. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA recalled decision 8/CP.4, which requested that guidelines under Articles 5, 7 and 8 of the Kyoto Protocol be prepared. It also recalled the conclusion of its tenth session that the secretariat should organize a workshop on national systems and issues relating to adjustments, referred to in Article 5 of the Kyoto Protocol, before its twelfth session (FCCC/SBSTA/1999/6, para. 34 (d)). It requested the secretariat to include in the agenda of the workshop the consideration of the methodological and technical aspects of guidelines related to Articles 7 and 8 of the Kyoto Protocol and consult with Parties on the agenda of this workshop;

(b) The SBSTA requested that any compliance-related aspects of the Article 8 review process be taken up by the Joint Working Group on Compliance, as appropriate;

(c) The SBSTA requested the secretariat to prepare documentation for consideration at the above-mentioned workshop on the following topics:

(i) The experience of Annex I Parties with existing national systems for preparing greenhouse gas inventories;

(ii) An initial draft of guidelines for national systems under Article 5.1 of the Kyoto Protocol; and

(iii) Preliminary options for methodologies to apply adjustments;

(d) The SBSTA also requested the secretariat to provide a report on the workshop, a second draft of the guidelines under Article 5.1, an initial draft on modalities for adjustments under Article 5.2 and possible elements for inclusion in the guidelines under Articles 7 and 8, taking into consideration information from the workshop, for consideration by the SBSTA at its twelfth session;

(e) To assist the secretariat to complete the tasks defined in subparagraphs (c) and (d) above, the SBSTA invited Parties to submit initial views on supplementary information pursuant to Article 7 and methodological and technical aspects related to this article, as well as on Article 8, particularly on the relationship between the review process and the compliance procedure, by 1 February 2000. The SBSTA requested Parties to submit further views on approaches for considering adjustments referred to in Article 5.2 of the Kyoto Protocol and any methodologies for their application, by 1 February 2000;

(f) The SBSTA invited Parties to submit additional views on issues referred to in subparagraph (e) above, in the light of the outcome of the workshop mentioned in subparagraph (a) above, by 15 April 2000. It requested the secretariat to compile these views into a miscellaneous document;

(g) The SBSTA took note of the information provided by Parties related to Article 5 of the Kyoto Protocol. It agreed to consider the basic elements of national systems listed in annex I below as a basis for further work;

(h) The SBSTA took note of the information provided by a representative of the IPCC on its ongoing work related to good practice in national inventory preparation, including managing uncertainty. It also noted that the application of good practices in the use of the IPCC 1996 Revised Guidelines may improve the quality of national greenhouse gas inventories and that some elements of good practices may also be considered for the preparation of guidelines under Articles 5, 7 and 8 of the Protocol. The SBSTA noted that a report on these issues will be provided by the IPCC for consideration at its twelfth session;

(i) The SBSTA recalled Article 5.2 of the Kyoto Protocol and took note of submissions by Parties on the issue of adjustments. It considered that adjustments referred to in this article should only be applied when inventory data submitted by Parties are incomplete and/or are calculated in a way that is not consistent with the IPCC 1996 Revised Guidelines as elaborated by any good practice agreed upon by the COP. It noted that these adjustments would result in substitution of a revised technical estimate for the purpose of accounting of the Parties' emissions and assigned amounts. It also considered that adjustments related to Article 5.2 could be an element of the review process under Article 8 of the Kyoto Protocol. The methodologies and procedures of adjustments, including the question of who should apply these adjustments, should be further examined in the preparatory work related to Articles 5 and 8 of the Kyoto Protocol;

(j) The SBSTA reaffirmed its request to the secretariat to organize, subject to the availability of funds, a second workshop on issues related to Articles 5, 7 and 8 of the Kyoto Protocol, including linkages to other provisions of the Protocol, prior to the thirteenth session of the SBSTA; and

(k) The SBSTA encouraged Parties included in Annex I to the Convention to support the efforts of those Annex I Parties undergoing the process of transition to a market economy to develop and consolidate their national systems through appropriate bilateral or multilateral mechanisms.

C. Emissions resulting from fuel used for international transportation

(Agenda item 9 (c))

1. Proceedings

52. The SBSTA considered this sub-item at its 5th and 6th meetings, on 27 October, and at its 10th and 14th meetings, on 1 and 3 November, respectively. It had before it documents FCCC/SBSTA/1999/INF.9 and FCCC/SBSTA/1999/MISC.8.

53. Statements were made by representatives of 14 Parties, including one speaking on behalf of the European Community and its member States and one speaking on behalf of the Group of 77 and China.

54. At the 5th meeting, on 27 October, statements were made by representatives of the International Maritime Organization (IMO) and the International Civil Aviation Organization (ICAO), on the activities of those bodies relevant to the work of the SBSTA. At the 6th meeting, on 27 October, a statement was made by the representative of an environmental non-governmental organization.

55. At the 5th meeting, on 27 October, the Chairman invited Mr. José Romero (Switzerland) to assist him in conducting informal consultations on this sub-item.

2. Conclusions

56. At its 14th meeting, on 3 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA welcomed the information provided and the steps taken by ICAO and IMO on their work relating to emissions of greenhouse gases not controlled by the Montreal Protocol from aviation and marine bunker fuels. The SBSTA stressed the need to further enhance cooperation between ICAO, IMO and the UNFCCC and invited ICAO and IMO to continue to provide the SBSTA with regular progress reports to assist the SBSTA in addressing climate change issues. In addition, the SBSTA encouraged the participation of representatives of the UNFCCC process in relevant meetings of ICAO and IMO;

(b) The SBSTA requested the secretariat to further explore ways and means of cooperating with ICAO and IMO and to promote mutual understanding of common activities and interests, including cooperation on methodological issues in order to improve inventory reporting, and side events to provide the opportunity for delivery of, *inter alia*, detailed status reports. The SBSTA requested the secretariat to report on the outcome of such activities to the SBSTA at its thirteenth session. The SBSTA also requested the secretariat to seek the assistance of ICAO and IMO in making available data which may be needed to continue the work related to decision 2/CP.3;[4]

(c) In accordance with decision 2/CP.3, the SBSTA affirmed that the accuracy, consistency and comparability of data on emissions based upon fuel sold to ships and aircraft engaged in international transport as reported by Parties need to be improved. It further noted that there are some missing inventory data with respect to emissions based upon fuel sold to ships and aircraft engaged in international transport and recommended that this situation be rectified to the extent possible, including data for the year 1990 and subsequent years, taking into account relevant reporting guidelines. The SBSTA welcomed the work of the IPCC on good practices, including those related to the preparation of inventories of emissions based upon fuel sold to ships and aircraft engaged in international transport. It invited the IPCC to make a

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[4] For the full texts of decisions adopted by the Conference of the Parties at its third session, see document FCCC/CP/1997/7/Add.1.

presentation on this aspect of good practices at the SBSTA session following the approval of the IPCC report on good practice guidance and uncertainty management in national greenhouse gas inventories;

(d) The SBSTA noted that use of the guidelines for the preparation of national communications by Parties included in Annex I to the Convention, part I: UNFCCC reporting guidelines on annual inventories, including the common reporting format (FCCC/SBSTA/1999/6/Add.1) would improve the quality of inventory data provided under the Convention. The SBSTA requested the secretariat to include in any report on the experience of Parties using the common reporting format, information on the reporting of emissions based upon fuel sold to ships and aircraft engaged in international transport;

(e) The SBSTA decided to consider the methodological aspects related to emissions based upon fuel sold to ships and aircraft engaged in international transport contained in the IPCC report on good practice guidance and uncertainty management in national greenhouse gas inventories, at the SBSTA session following the approval of that report; and

(f) The SBSTA decided to recommend a draft decision on emissions based upon fuel sold to ships and aircraft engaged in international transport for adoption by the COP at its fifth session (FCCC/CP/1999/L.17). For the final text of the decision adopted by the COP, see decision 18/CP.5.

D. Impact of single projects on emissions in the commitment period

(Agenda item 9 (d))

1. Proceedings

57. The SBSTA considered this sub-item at its 6th and 10th meetings, on 27 October and 1 November, respectively. It had before it the following documents: FCCC/SBSTA/1999/MISC.3 and Add.1 and Add.1/Corr.1. These documents had been made available at the tenth session, but had not yet been considered by the SBSTA.

58. Statements were made by representatives of six Parties, including one speaking on behalf of the European Community and its member States.

59. At the 6th meeting, on 27 October, the Chairman invited Mr. Ole Plougmann (Denmark) to assist him in conducting informal consultations on this sub-item.

2. Conclusions

60. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA took note of submissions from Parties on this issue, including additional information provided by the delegation of Iceland in response to questions by other Parties (FCCC/SBSTA/1999/MISC.3 and Add.1 and Add.1/Corr.1). It also noted that substantial technical questions related to the impact of single projects on emissions in the commitment period had been raised by Parties and that Iceland had provided comprehensive answers to these questions; and

(b) The SBSTA decided to consider this issue further at its thirteenth session, taking into account any additional information provided by Parties up to 17 July 2000, to be compiled by the secretariat into a miscellaneous document, with a view to recommending a decision for adoption by the COP at its sixth session.

E. Scientific and methodological aspects of the proposal by Brazil
(Agenda item 9 (e))

1. Proceedings

61. The SBSTA considered this sub-item at its 6th and 10th meetings, on 27 October and 1 November, respectively.

62. Statements were made by representatives of 12 Parties, including one speaking on behalf of the European Community and its member States.

2. Conclusions

63. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA took note of the information provided by the delegation of Brazil, including a revised version[5] of the methodology originally proposed in document FCCC/AGBM/1997/MISC.1/Add.3. The SBSTA commended Brazil for its work on this subject. The SBSTA also noted that the IPCC Third Assessment Report is likely to contain the best available information related to the values of the parameters and other material relevant to the assessment of the proposal. It also noted the need for further scientific analyses;

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[5] The revised version of the proposal, entitled: "Note on the time-dependent relationship between emissions of greenhouse gases and climate change", will be available on the official Brazilian web site: http://www.mct.gov.br/clima. Hard copies may be obtained from: Ministério da Ciência e Tecnologia, Gabinete do Ministro, Esplanada dos Ministérios, Bloco E - 3 Andar - Sala 398, 70067-900 Brasília, Brazil.

(b) The SBSTA requested the secretariat to coordinate a review of this proposal by experts selected from the roster of experts, to be completed in time for its fourteenth session. It requested the secretariat to also make the information provided by the experts available on its web site;

(c) The SBSTA invited the delegation of Brazil and other Parties to send to the secretariat information on the scientific and methodological aspects of, and related information on, the Brazilian proposal and requested the secretariat to make this information available on its web site for use by experts; and

(d) The SBSTA decided to consider any new information on the scientific and methodological aspects of the Brazilian proposal at subsequent sessions, as appropriate.

F. Other matters
(Agenda item 9 (f))

1. Proceedings

64. The SBSTA considered this sub-item at its 6th meeting, on 27 October, and at its 10th and 11th meetings, on 1 November.

65. At the 6th meeting, on 27 October, the Chairman noted that a further matter for discussion under this sub-item concerned information on decision tools to evaluate climate change impacts and adaptation strategies. On this issue, the SBSTA had before it document FCCC/SBSTA/1999/MISC.12.

66. Also at the 6th meeting, on 27 October, the Chairman noted that a matter requiring the attention of the SBSTA under this agenda sub-item was the question of methodological issues relating to forest harvesting and wood products.

67. On this issue, statements were made by representatives of four Parties, including one speaking on behalf of the European Community and its member States.

2. Conclusions

68. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions on the issue of information on decision tools to evaluate climate change impacts and adaptation strategies:

(a) The SBSTA took note of the information on the web site of the secretariat related to decision tools, models and methodologies to evaluate impacts and adaptation strategies. It invited Parties, international organizations and other organizations to submit additional

information electronically to the secretariat, particularly on new decision tools, models and methodologies, using the format on the web site by 15 February 2000. The SBSTA invited Parties without Internet access to submit information by facsimile or mail;

(b) The SBSTA requested the secretariat to utilize experts nominated by Parties to the roster on methodologies to review this information, as appropriate; and

(c) The SBSTA requested the secretariat to prepare a progress report on this subject for consideration at the twelfth session of the SBSTA.

69. At its 11th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA invited Parties to submit, by 15 March 2001, their views on approaches for estimating and accounting for emissions of carbon dioxide from forest harvesting and wood products, taking into account the report of the IPCC expert meeting on that subject held in Dakar, Senegal, from 5 to 6 May 1998, for compilation into a miscellaneous document and consideration by the SBSTA at its fourteenth session.

X. DEVELOPMENT AND TRANSFER OF TECHNOLOGIES
(Agenda item 10)

A. Status of the consultative process (decision 4/CP.4)
(Agenda item 10 (a))

1. Proceedings

70. The SBSTA considered this sub-item at its 1st, 5th and 10th meetings, on 25 and 27 October and 1 November, respectively. It had before it document FCCC/SBSTA/1999/11.

71. At the 1st meeting, on 25 October, the Chairman announced his intention to hold further meetings of the informal group with members nominated by Parties which had been established by the former Chairman of the SBSTA, in order to advance the consultative process.

72. Statements were made by representatives of 17 Parties, including one speaking on behalf of the African Group, one speaking on behalf of the European Community and its member States and one speaking on behalf of the Group of 77 and China.

73. At the 5th meeting, on 27 October, at the invitation of the Chairman, Mr. Chow Kok Kee, former Chairman of the SBSTA, provided a report on the progress made in the consultative process, including on the regional workshop held in Arusha, United Republic of Tanzania, 16-18 August 1999.

74. Also at the 5th meeting, on 27 October, a statement was made by the Co-Chairman of IPCC Working Group III on the status of preparation of its special report on methodological and technological issues in technology transfer. At the same meeting, a statement was made by a representative of the Climate Technology Initiative of the International Energy Agency.

2. Conclusions

75. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions with regard to the consultative process for the transfer of technology, with the aim of reaching agreement on a framework for meaningful and effective actions to enhance implementation of Article 4.5 of the Convention, in accordance with decision 4/CP.4:

(a) The SBSTA noted the progress report on development and transfer of technologies prepared by the secretariat (FCCC/SBSTA/1999/11);

(b) The SBSTA decided to recommend a draft decision for adoption by the Conference of the Parties at its fifth session (FCCC/CP/1999/L.5). For the final text of the decision adopted by the COP, see decision 9/CP.5;

(c) The SBSTA noted the report by the former Chairman of the SBSTA, Mr. Chow Kok Kee, on the first regional workshop on the consultative process on transfer of technology, held from 16 to 18 August 1999 in Arusha, United Republic of Tanzania. It endorsed the proposal by the Chairman that, subject to the availability of resources, two further workshops be organized, in the Asia and the Pacific region in January 2000 and in the Latin America and the Caribbean region in March/April 2000;

(d) The SBSTA welcomed the offer of the Government of the Philippines to host the workshop in the Asia and the Pacific region;

(e) The SBSTA invited the Chairman, with the assistance of the secretariat, to report on the outcome of the two above-mentioned workshops to the SBSTA at its twelfth session;

(f) The SBSTA welcomed the statement made by a representative of the IPCC on the status of its special report on methodological and technological issues in technology transfer;

(g) The SBSTA requested the Chairman, with the assistance of the secretariat, to make every effort, before the twelfth session of the SBSTA, to identify possible elements of a framework for meaningful and effective actions to enhance the implementation of Article 4.5 of the Convention, taking into account the results of the three regional workshops, common elements and areas of divergence based on submissions by Parties on how the issues and questions listed in the annex to decision 4/CP.4 should be addressed, and the IPCC special report on methodological and technological issues in technology transfer;

(h) The SBSTA requested the Chairman, with the assistance of the secretariat, to hold a meeting with experts and representatives of Parties before the twelfth session of the SBSTA, resources and time permitting, to consider the progress of the consultative process, and the possible elements of a framework identified by the Chairman;

(i) The SBSTA invited Parties to submit their views, by 15 July 2000, on a framework for implementation of meaningful and effective actions to enhance the implementation of Article 4.5 of the Convention;

(j) The SBSTA invited the Chairman to hold consultations among Parties in August 2000, regarding the outcome of the consultative process, resources and time permitting;

(k) The SBSTA requested the Chairman, with the assistance of the secretariat, to make available at the thirteenth session of the SBSTA a report on the outcome of the consultative process, incorporating a draft text on a framework for meaningful and effective actions to enhance the implementation of Article 4.5 of the Convention, with a view to a decision being adopted by the Conference of the Parties at its sixth session;

(l) The SBSTA noted the receipt of financial contributions and/or in-kind support for the consultative process from Australia, Germany and the United States of America, welcomed the offers of financial and/or in-kind contributions from Austria, Canada, France, Japan and the Netherlands, and encouraged other Parties in a position to do so, to provide additional contributions; and

(m) The SBSTA welcomed the offer of the United States to assist the secretariat in developing elements of technology information accessible through the latter's web site.

B. Ways and means of limiting emissions of hydrofluorocarbons and perfluorocarbons
(Agenda item 10 (b))

1. Proceedings

76. The SBSTA considered this sub-item at its 7th and 12th meetings, on 27 October and 1 November, respectively. It had before it the following documents: FCCC/SBSTA/1999/INF.7 and FCCC/SBSTA/1999/MISC.6 and Add.1.

77. Statements were made by representatives of eight Parties, including one speaking on behalf of the Alliance of Small Island States and one speaking on behalf of the European Community and its member States.

78. At the 7th meeting, on 27 October, the Co-Chairman of IPCC Working Group III and the Co-Chairman of the Montreal Protocol Technology and Economic Assessment Panel (TEAP)

presented a joint report on the IPCC/TEAP expert meeting on options for the limitation of emissions of hydrofluorocarbons (HFCs) and perfluorocarbons (PFCs). At the same meeting, a statement was made by the representative of an environmental non-governmental organization.

79. Also at the 7th meeting, on 27 October, the Chairman invited Mr. Andrej Kranjc (Slovenia), Rapporteur of the SBSTA, to assist him in conducting informal consultations on this sub-item.

2. Conclusions

80. At its 12th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA expressed its appreciation to the IPCC and the Technology and Economic Assessment Panel under the Montreal Protocol (TEAP) for organizing the joint IPCC/TEAP expert meeting on options for the limitation of emissions of HFCs and PFCs and for preparing its report;

(b) The SBSTA noted with appreciation the information provided by Parties and by intergovernmental and non-governmental organizations on available and potential ways and means of limiting emissions of HFCs and PFCs under decision 13/CP.4. The SBSTA noted that the information has been made available on the UNFCCC web site as received; and

(c) The SBSTA decided to recommend a draft decision on this issue for adoption by the COP at its fifth session (FCCC/CP/1999/L.6). For the final text of the decision adopted by the COP, see decision 17/CP.5.

C. Coastal adaptation technologies
(Agenda item 10 (c))

1. Proceedings

81. The SBSTA considered this sub-item at its 7th and 10th meetings, on 27 October and 1 November, respectively.

82. Statements were made by representatives of eight Parties, including one speaking on behalf of the Alliance of Small Island States and one speaking on behalf of the European Community and its member States.

2. Conclusions

83. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA welcomed the technical paper provided by the secretariat on coastal adaptation technologies (FCCC/TP/1999/1);

(b) The SBSTA noted the need to develop endogenous capacities, technologies and know-how to enable Parties to evaluate and implement appropriate adaptation strategies and that coastal adaptation strategies incorporating soft engineering approaches, as well as planning and institutional measures, are particularly important;

(c) The SBSTA recognized that coastal and other adaptation technologies are important to countries vulnerable to sea-level rise and its associated effects, particularly small island states, and that further work on such technologies, including their transfer, should be considered as part of the transfer of technology consultative process;

(d) The SBSTA requested the secretariat to make new information on adaptation technologies, including costal adaptation technologies, available to Parties, as appropriate, via the secretariat's web site;

(e) The SBSTA further requested the secretariat to:

(i) Consult with the IPCC about the feasibility of the IPCC providing information to the SBSTA at its twelfth session on the applicability of regional climate models at the scale of small island states. Issues to be considered could include: projected sea-level rise; storm surges; projected atmospheric temperature changes; sea surface temperatures; climate variability; rainfall; changes in global circulation patterns; human health and settlement; and any other finding that could assist in the evaluation of coastal adaptation technologies; and

(ii) Disseminate the information referred to in subparagraph (i) above to Parties, including the national focal points for the enabling activity projects for national communications, with the aim of improving reporting on coastal adaptation technologies in national communications.

D. Other matters
(Agenda item 10 (d))

1. Proceedings

84. The SBSTA considered this sub-item at its 7th and 10th meetings, on 27 October and 1 November, respectively.

85. At the 7th meeting, the secretariat provided an oral report on cooperation with the Development Assistance Committee (DAC) of the Organisation for Economic Co-operation and Development (OECD).

2. Conclusions

86. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA noted the oral report prepared by the secretariat on cooperation with the DAC of the OECD, describing the progress made on a pilot study to determine the possibility of providing more comprehensive data on the financial assistance provided by OECD countries in support of the objectives of the Rio conventions;

(b) The SBSTA requested the secretariat to continue to cooperate with the DAC in order to improve the availability of climate-relevant data from the reporting system of that committee; and

(c) The SBSTA welcomed the plan by the secretariat to present the information on the pilot study to Parties at the twelfth session of the SBSTA, if possible, following the completion of the study and report on the subject by the DAC.

XI. COOPERATION WITH RELEVANT INTERNATIONAL ORGANIZATIONS
(Agenda item 11)

A. Scientific organizations
(Agenda item 11 (a))

1. Proceedings

87. The SBSTA considered this sub-item at its 1st, 10th and 14th meetings, on 25 October and 1 and 3 November, respectively.

88. Statements were made by representatives of eight Parties, including one speaking on behalf of the European Community and its member States.

89. At the 1st meeting, on 25 October, a statement was made by Dr. Robert Watson, Chairman of the IPCC.

2. Conclusions

90. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA welcomed the statement made by the Chairman of the IPCC on the status of preparation of the Third Assessment Report and the special reports on (i) methodological and technological issues in technology transfer, (ii) emission scenarios of greenhouse gases and aerosol precursors, and (iii) land-use, land-use change and forestry. It also

expressed appreciation to the IPCC for organizing a number of informative events, particularly the special event on land-use, land-use change and forestry;

(b) The SBSTA commended the IPCC for the high quality of its scientific work. It noted the progress made in the preparation of the Third Assessment Report and the three above-mentioned special reports, and requested the IPCC to finalize the work on these reports as soon as possible; and

(c) The SBSTA took note of the urgent appeal by the Chairman of the IPCC for additional resources to allow the IPCC to complete its current work programme. The SBSTA reiterated with emphasis its call to Parties, made at its tenth session, to contribute generously to the work of the IPCC, in view of its importance to advancing the Convention process.

91. At its 14th meeting, on 3 November, the SBSTA decided to recommend a draft decision for adoption by the COP at its fifth session (FCCC/CP/1999/L.18). For the final text of the decision adopted by the COP, see decision 19/CP.5.

B. United Nations bodies
(Agenda item 11 (a))

1. Proceedings

92. The SBSTA considered this sub-item at its 6th meeting, on 27 October, and at its 10th and 11th meetings, on 1 November. It had before it document FCCC/SBSTA/1999/INF.8 and Add.1.

93. Statements were made by representatives of five Parties, including one speaking on behalf of the European Community and its member States.

94. At the 6th meeting, on 27 October, a statement was made by a representative of the United Nations Development Programme (UNDP), speaking on behalf of the United Nations agencies involved in the joint project on capacity-building referred to in document FCCC/SBSTA/1999/INF.8/Add.1.

95. At the 11th meeting, on 1 November, a statement was made by the representative of the Food and Agriculture Organization of the United Nations.

2. Conclusions

96. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA welcomed the oral report of the secretariat on its cooperation with other United Nations bodies. It reiterated that the activities of the secretariat to facilitate coordination should ensure that the activities of the United Nations bodies respond to needs

identified by the Convention bodies. It requested the secretariat to collect and make available information on related activities of United Nations bodies to ensure consistent and coordinated action;

(b) The SBSTA noted the project proposal prepared by the secretariat with the cooperation of the United Nations Environment Programme (UNEP), United Nations Industrial Development Organization (UNIDO), United Nations Conference on Trade and Development (UNCTAD) and UNDP, as contained in document FCCC/SBSTA/1999/INF.8/Add.1. It requested the secretariat and the four implementing agencies of the project to ensure that full account is taken of all relevant decisions of the COP, and in particular of decisions 10/CP.5 and 11/CP.5 on capacity-building, in the further stages of this project; and

(c) The SBSTA invited the World Health Organization (WHO) to report to the next session of the SBSTA on its activities related to the risk to human health of climate change, with a view to determining how cooperation with WHO could be strengthened, for example in the area of public information.

C. Other conventions
(Agenda item 11 (c))

1. Proceedings

97. The SBSTA considered this sub-item at its 6th and 10th meetings, on 27 October and 1 November, respectively.

98. At the 6th meeting, on 27 October, statements were made by representatives of UNEP and the secretariats of the Convention on Wetlands (Ramsar Convention) and the United Nations Convention to Combat Desertification (UNCCD).

2. Conclusions

99. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA welcomed the oral reports made by the secretariat and by representatives of UNEP, the Convention on Wetlands and UNCCD, on possible linkages between the UNFCCC and other conventions, taking into account their respective mandates;

(b) The SBSTA welcomed the efforts of the secretariat to explore possible ways of strengthening cooperation with the secretariats of other conventions on issues of common interest and invited the secretariat to keep it informed of the outcome of these efforts at subsequent sessions; and

(c) The SBSTA requested the secretariat to liaise with the secretariat of the Convention on Wetlands on the specific issues identified in the oral report delivered by the representative of that secretariat in order to determine how cooperation between the conventions could be strengthened. The SBSTA further requested the secretariat to report back to it on this matter at its twelfth session.

XII. RESEARCH AND SYSTEMATIC OBSERVATION
(Agenda item 12)

1. Proceedings

100. The SBSTA considered this item at its 7th, 8th and 10th meetings, on 27 and 28 October and 1 November, respectively. It had before it documents FCCC/SBSTA/1999/10, FCCC/SBSTA/1999/13/Add.2 and FCCC/SBI/1999/11.

101. Statements were made by representatives of 10 Parties, including one speaking on behalf of the European Community and its member States.

102. At the 7th meeting, on 27 October, a statement was made by the Director of the Global Climate Observing System (GCOS) Secretariat, on behalf of the organizations participating in the Climate Agenda, concerning recent activities related to research and systematic observation. A statement was also made by a representative of the International Oceanographic Commission, on behalf of the Global Ocean Observing System (GOOS).

103. At the 8th meeting, on 28 October, a statement was made by the representative of the Global Environment Facility (GEF).

104. At the 7th meeting, on 27 October, the Chairman invited Ms. Susan Barrell (Australia) to assist him in conducting informal consultations on this item. He also invited the Group of 77 and China to nominate a co-chair for the consultations.

2. Conclusions

105. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA took note of the information provided by the secretariat on research and systematic observation in documents FCCC/SBSTA/1999/10, FCCC/SBSTA/1999/13/Add.2 and FCCC/SBI/1999/11;

(b) The SBSTA recommended a draft decision for adoption by the COP at its fifth session (FCCC/CP/1999/L.4 and Add.1). For the final text of the decision adopted by the COP, see decision 5/CP.5; and

(c) The SBSTA took note with appreciation of the statements made by the representatives of the GCOS, the GOOS and the GEF.

XIII. ROSTER OF EXPERTS NOMINATED BY PARTIES
(Agenda item 13)

1. Proceedings

106. The SBSTA considered this item at its 8th and 10th meetings, on 28 October and 1 November, respectively. It had before it document FCCC/SBSTA/1999/9.

107. Statements were made by representatives of six Parties, including one speaking on behalf of the European Community and its member States.

2. Conclusions

108. At its 10th meeting, on 1 November, having considered a proposal by the Chairman, the SBSTA adopted the following conclusions:

(a) The SBSTA took note of the information provided by the secretariat on the rosters of experts nominated by Parties and their use by the secretariat (FCCC/SBSTA/1999/9);

(b) The SBSTA noted that the rosters of experts should respond to the evolving needs of the Convention bodies. In this regard, it recognized that some areas of expertise are not included in the rosters, but should be, as the need arises;

(c) The SBSTA concluded that the rosters should be integrated into one UNFCCC roster of experts to serve the various needs of the Convention. The SBSTA requested the secretariat to design a unified UNFCCC roster, building upon the fields of expertise identified in document FCCC/SBSTA/1998/INF.4, annex I. In so doing, the secretariat should prepare a revised application form and make it available to Parties on its web site and in hard copy by 15 February 2000;

(d) The SBSTA invited Parties to update the information on their previous nominees based on the new application form prepared by the secretariat. Parties are also invited to nominate additional experts to the roster. To facilitate the submission of information, the SBSTA requested the secretariat to make the necessary arrangements, including the provision of an electronic password to national focal points, to enable Parties to directly update the information on their nominees using the web site of the secretariat. Parties without Internet access are invited to update information to the secretariat by fax. Information to be made available to national focal points on the web will exclude contact information, unless explicitly authorized by each expert. The public information will include the name, nominating Party, region, current employer, specific fields of expertise and the task for which the expert is nominated;

(e) The SBSTA requested the secretariat to report periodically on the status of nominations for the various tasks covered by the roster. These reports should *inter alia* inform Parties about existing deficiencies with regard to the area-specific expertise needed to carry out the assigned tasks; and

(f) The SBSTA took special note of the needs of the technical review process for greenhouse gas inventories submitted by Annex I Parties to the Convention, which will begin in 2000. it encouraged Parties to make additional nominations for this process, using the revised nomination form to be provided by the secretariat, as noted in subparagraph (c) above, by 15 April 2000. Parties are urged to ensure that the persons nominated are well qualified and available to participate in these reviews.

XIV. MATTERS RELATING TO ARTICLE 3.14 OF THE KYOTO PROTOCOL
(Agenda item 14)

109. At its 1st meeting, on 25 October, the SBSTA agreed to consider this item in a coordinated manner with the SBI, and in conjunction with its agenda item 3, "Implementation of Article 4.8 and 4.9 of the Convention (decision 3/CP.3 and Articles 2.3 and 3.14 of the Kyoto Protocol)". Conclusions on this item may therefore be found in paragraph 15 above.

XV. REPORT ON THE SESSION
(Agenda item 15)

110. At its 14th meeting, on 3 November, the SBSTA considered the draft report on its eleventh session (FCCC/SBSTA/1998/L.11).

111. At the same meeting, on a proposal by the Chairman, the SBSTA authorized the Rapporteur, with the assistance of the secretariat, to complete the report on the session, under the guidance of the Chairman.

XVI. CLOSURE OF THE SESSION

112. At the 14th meeting, on 3 November, the Chairman commended all participants for their constructive cooperation during the session. The Chairman remarked that, although steady progress had been made, much work remained to be done before COP 6. In this regard, he pointed to the busy schedule of inter-sessional work ahead, including a number of workshops. He noted that, following the usual practice, representatives of non-governmental organizations would be invited to attend such workshops as observers, in a manner that promotes cooperation and coordination, and which also ensures an appropriate balance among the constituencies. The Chairman concluded by expressing confidence that this inter-sessional work would provide a useful input to the twelfth sessions of the subsidiary bodies.

Annex I

BASIC ELEMENTS OF NATIONAL SYSTEMS UNDER ARTICLE 5.1 OF THE KYOTO PROTOCOL

OBJECTIVE

To enable Parties to estimate anthropogenic emissions by sources and removals by sinks of all greenhouse gases not controlled by the Montreal Protocol, as required by Article 5.1 of the Kyoto Protocol.

CHARACTERISTICS

National systems should cover all institutional arrangements and procedures within a Party for inventory development, allowing for flexible adaptation to national circumstances because of the existing differences in institutional structure and organization, as well as in approaches to inventory development between Parties.

FUNCTIONS

National systems:

- Ensure that the national inventory process, including inventory planning, development and management, is in accordance with any decisions by the COP;
- Define and apply appropriate procedures for collecting, processing, communicating and storing inventory data;
- Provide for liaison between government departments, national agencies and other entities responsible for inventories;
- Enable the provision of greenhouse gas inventory data annually;
- Ensure confidence in the quality of inventory data by implementing uncertainty assessment, quality assurance/quality control (QA/QC) procedures including verification and/or auditing procedures of the inventory data at the national level; and
- Facilitate the technical review process to be agreed upon by the COP serving as the meeting of the Parties to the Kyoto Protocol under Article 8 of that Protocol.

REQUIRED ELEMENTS OF NATIONAL SYSTEMS

The national systems should be robust enough to support compliance with the Protocol and therefore common elements need to be defined. These should or could include:

Institutional arrangements:

- A single national entity responsible for the overall inventory;
- Collaborating entities which contribute to the preparation and/or management of the inventory;
- Arrangements for technical competence and its evolution; and
- Authority to ensure collection and dissemination of all necessary data for the preparation of the inventory.

Inventory processes:

- Inventory planning: a documented plan for the development, preparation and management of inventories, including a plan for QA/QC procedures;
- Inventory development: identification of greenhouse gas sources including the significance of the sources; procedures for choice of methodology and emission factors, activity data collection, management of uncertainties;
- Inventory preparation: data collection (frequency, procedures), estimation of procedures (good practice), documentation of data sources and methodologies; QA/QC procedures; and
- Inventory management: archiving of all data, inventory estimates and documentation; transfer and compilation of data (frequency, electronic transfer and data management).

Annex II

LIST OF DOCUMENTS BEFORE THE SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE AT ITS ELEVENTH SESSION

Documents prepared for the session

FCCC/CP/1999/1	Provisional agendas for the Conference of the Parties and its subsidiary bodies. Note by the Executive Secretary
FCCC/SBSTA/1999/6	Report of the Subsidiary Body for Scientific and Technological Advice on its tenth session, Bonn, 31 May-11 June 1999
FCCC/SBSTA/1999/6/Add.1	Report of the Subsidiary Body for Scientific and Technological Advice on its tenth session, Bonn, 31 May-11 June 1999. Addendum. Draft decision on guidelines for the preparation of national communications by Parties included in Annex I to the Convention. Part I. UNFCCC reporting guidelines on annual inventories
FCCC/SBSTA/1999/7 and Corr.1/Rev.1	Annotations to the provisional agenda. Note by the Executive Secretary
FCCC/SBSTA/1999/8	National communications from Parties included in Annex I to the Convention. "Best practices" in policies and measures. Report by the secretariat
FCCC/SBSTA/1999/9	Roster of experts nominated by Parties
FCCC/SBSTA/1999/10	Research and systematic observation. Issues related to the Global Climate Observing System
FCCC/SBSTA/1999/11	Development and transfer of technologies. Status of the consultative process (decision 4/CP.4). Coastal adaptation technologies. Other matters. Progress report
FCCC/SBSTA/1999/13	National communications from Parties included in Annex I to the Convention. Guidelines for the preparation of national communications by Parties included in Annex I to the Convention: Part II

FCCC/SBSTA/1999/13/Add.1	National communications from Parties included in Annex I to the Convention. Guidelines for the preparation of national communications by Parties included in Annex I to the Convention: Part II. Addendum. Status of the Chairman's draft text at the close of the tenth session
FCCC/SBSTA/1999/13/Add.2 and Corr.1	National communications from Parties included in Annex I to the Convention. Guidelines for the preparation of national communications from Parties included in Annex I to the Convention: Part II. Addendum. Draft guidance for reporting on global climate observing systems
FCCC/SBSTA/1999/INF.7	Development and transfer of technology. Ways and means of limiting emissions of hydrofluorocarbons and perfluorocarbons
FCCC/SBSTA/1999/INF.8 and Add.1	Cooperation with relevant international organizations. United Nations bodies. Capacity-building support regarding the clean development mechanism
FCCC/SBSTA/1999/INF.9	Methodological issues. Emissions resulting from fuel used for international transportation. Ways to further strengthen the exchange of information between the International Civil Aviation Organization, the International Maritime Organization, and UNFCCC
FCCC/SBSTA/1999/MISC.6 and Add.1	Development and transfer of technology. Ways and means of limiting emissions of hydrofluorocarbons and perfluorocarbons. Submissions from Parties and intergovernmental organizations
FCCC/SBSTA/1999/MISC.7 and Add.1-2	Methodological issues. Land-use, land-use change and forestry. Review of and response to the questions posed in tables 1 and 2 of document FCCC/SBSTA/1999/5 and additional policy and procedural questions. Comments related to the need for country-specific data and information and its relationship to a decision-making framework in the context of the requirements of the Kyoto Protocol. Submissions from Parties
FCCC/SBSTA/1999/MISC.8	Methodological issues. Emissions resulting from fuel used for international transportation. Submissions from Parties

FCCC/SBSTA/1999/MISC.9 and Add.1	Methodological issues. Characteristics of national systems and issues relating to adjustments referred to in Article 5 of the Kyoto Protocol. Submissions from Parties
FCCC/SBSTA/1999/MISC.10	National communications from Parties included in Annex I to the Convention. Views of Parties on "best practices" in policies and measures
FCCC/SBSTA/1999/MISC.11 and Add.1	Options to accelerate and sustain the development and transfer of coastal adaptation technologies. Submissions from Parties
FCCC/SBSTA/1999/MISC.12	Information on decision tools to evaluate climate change impacts and adaptation structures. Submissions from Parties.
FCCC/SBSTA/1999/L.11	Report on the session. Draft report of the Subsidiary Body for Scientific and Technological Advice on its eleventh session
FCCC/SBSTA/1999/L.12	Methodological issues. Other matters. Information on impacts and adaptation assessment methods
FCCC/SBSTA/1999/L.13 and Rev.1	Methodological issues. Scientific and methodological aspects of the proposal by Brazil
FCCC/SBSTA/1999/L.14	Methodological issues. National systems, adjustments and guidelines under Articles 5, 7 and 8 of the Kyoto Protocol
FCCC/SBSTA/1999/L.15	Cooperation with relevant international organizations. Scientific organizations
FCCC/SBSTA/1999/L.16	Roster of experts nominated by Parties
FCCC/SBSTA/1999/L.17	Methodological issues. Impacts of single projects on emissions in the commitment period (decision 16/CP.4)
FCCC/SBSTA/1999/L.18	Development and transfer of technologies. Other matters
FCCC/SBSTA/1999/L.19	Cooperation with relevant international organizations. *United Nations* bodies

FCCC/SBSTA/1999/L.20	Cooperation with relevant international organizations. Other conventions
FCCC/SBSTA/1999/L.21	Development and transfer of technologies. Coastal adaptation technologies
FCCC/SB/1999/5 and Add.1 and Corr.1	Activities implemented jointly under the pilot phase. Issues to be addressed in the review of the pilot phase, including the third synthesis report on activities implemented jointly
FCCC/SB/1999/6	Capacity-building. Revised plan for facilitating capacity-building related to the mechanisms under decision 7/CP.4
FCCC/SB/1999/7 and Add.1	Procedures and mechanisms relating to compliance under the Kyoto Protocol. Elements of a compliance system and synthesis of submissions. Note by the co-Chairs of the joint working group on compliance
FCCC/SB/1999/8 and Add.1	Mechanisms pursuant to Articles 6, 12 and 17 of the Kyoto Protocol. Synthesis of proposals by Parties on principles, modalities, rules and guidelines. Note by the Chairmen
FCCC/SB/1999/9	Implementation of Article 4, paragraphs 8 and 9 of the Convention (decision 3/CP.3 and Article 2, paragraph 3, and Article 3, paragraph 14, of the Kyoto Protocol). Report on the workshop envisaged in the annex (Programme of work) to decision 5/CP.4. Note by the Chairman of the SBSTA
FCCC/SB/1999/MISC.9	Capacity-building. Submission from a Party
FCCC/SB/1999/MISC.10 and Add.1-4	Mechanisms pursuant to Articles 6, 2 and 17 of the Kyoto Protocol. Further submissions from Parties on issues raised in decision 7/CP.4, paragraph 1 (a), (b) and (c). Submissions from Parties
FCCC/SB/1999/MISC.11	Capacity-building. Plan for facilitating capacity-building related to mechanisms pursuant to Articles 6, 12 and 17 of the Kyoto Protocol. Submissions from Parties

FCCC/SB/1999/MISC.12 and Add.1-2	Procedures and mechanisms relating to compliance under the Kyoto Protocol. Submissions from Parties
FCCC/SB/1999/MISC.13	Implementation of Article 4, paragraphs 8 and 9 of the Convention (decision 3/CP.3 and Articles 2.3 and 3.14 of the Kyoto Protocol). Submissions from Parties

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